

ABSTRACT OF THE DISCLOSURE

A control circuit operates a dual directional DC motor from an AC power source. A controller has first and second position indication inputs adapted to receive respective first and second position indications. The controller also has first and second direction outputs, which respectively energize one of two first relay coils having contacts outputting respective AC voltages responsive to the direction outputs. A full wave bridge rectifier receives the AC voltage and responsively outputs a DC voltage, which energizes a second relay coil. A contact thereof directs that voltage to two sets of first relay contacts, which are also responsive to the direction outputs, and which respectively provide a positive or negative DC voltage to the motor. Another second relay coil contact provides a braking action to the motor responsive to removal of the DC voltage from the rectifier output following removal of the AC voltage to the rectifier.